

ABSTRACT

A molding base paper which satisfies the following conditions (1) to (4):

(1) a tensile strength (JIS-P 8113) of at least 2.0 kN/m,

(2) an elongation at break (JIS-P 8113) of at least 1.5 %,

(3) a critical compression stress, defined by A/B, in the range of 1 to 10 MPa,

wherein A represents the compression strength determined by JIS-P 8126, and B

represents the area of a specimen, as set forth in JIS-P 8126, and

(4) an amount of compression deformation, caused by applying compression stress of 20 kgf/cm² in the thickness direction, of at least 10 %;

process of preparing molded paper vessels by controlling the water content of the molding base paper at 10 to 20 % and then drawing the molding base paper at 100 to 150°C;

and molded paper vessels so prepared.